dress normal form messages (averaging 10 five-letter random code groups of text) per hour in a field radio net of two or more stations through natural interference.

Receives and transmits messages by light signals at a minimum speed of 5 words per minute.

Maintains records pertaining to the handling of messages.

Performs first echelon maintenance by keeping equipment clean, inspecting cords, plugs, antenna mast, receiver, transmitter and calibration charts, and making minor repairs or adjustments such as changing tubes, adjusting frequencies, and adjusting key, using simple hand tools.

Must possess a working knowledge of Combined Radiotelephone, Radiotelegraph and Authentication Procedures. May be required to encipher and decipher messages using Converter M 209.

SUGGESTED SUBSTITUTE

776 Radio Operator, Low Speed

RIFLEMAN (745)

Rifle Noncommissioned Officer
Security Noncommissioned Officer

Loads, aims, and fires a rifle to destroy enemy personnel and to assist in capturing and holding enemy positions.

Places fire upon designated targets or distributes fire upon portions of enemy line, changing position as situation demands.

Must be able to use hand weapons, including rifle, automatic rifle, rocket launcher, rifle grenade launcher, bayonet, trench knife, and hand grenades. Must be trained in taking advantage of camouflage, cover and concealment, entrenching, recognition and following of arm and hand signals, and recognition of enemy personnel, vehicles, and aircraft. Must be familiar with hand-to-hand fighting techniques. Must understand methods of defense against enemy weapons.

SUGGESTED SUBSTITUTE

746 Automatic Rifleman

AUTOMATIC RIFLEMAN (746)

Ammunition Bearer
Rifle Noncommissioned Officer
Security Noncommissioned Officer

Loads, aims, and fires an automatic rifle to provide fire power support to tactical units in capturing and holding enemy positions.

Fires rifle either semi-automatically or in short bursts, as situation demands, upon designated targets or distributed upon portions of enemy lines, changing position as situation demands. Reduces stoppages as they occur and cleans and oils piece.

Must be able to use hand weapons, including rifle, automatic rifle, rifle grenade launcher, bayonet, trench knife, and hand grenades. Must be trained in taking advantage of camouflage cover and concealment, recognizing and following arm and hand signals, and identification of enemy personnel, vehicles, and aircraft. Must be familiar with hand-to-hand fighting techniques. Must understand methods of defense against enemy weapons.

SUGGESTED SUBSTITUTES

604 Light Machine Gunner
745 Rifleman

AIRPLANE AND ENGINE MECHANIC (747)

Assists in performing prescribed inspections and maintenance of aircraft.

Examines portions of aircraft such as wings, fuselage, stabilizers, flight control surfaces, propeller, and landing gear for evidence of damage of wear such as cracks, bent or broken members, and looseness which might cause dangerous vibration. Corrects such defects by appropriate maintenance, minor repairs, adjustments, or unit replacement. Refers specialized repairs on propellers, instruments, hydraulic and electrical systems to appropriate specialist. Cleans all accessible structures and parts with appropriate cleaning agents. Manipulates controls in cockpit to insure proper operation and alignment of flight control system. Makes required adjustments by correcting tension of control cables or by replacing badly worn control cables. Assists in inspection and maintenance of engine and in changing engines. At stipulated intervals, and with assistance of other mechanics, disconnects engine from its mounting, removes it from airplane and makes replacement, using mechanic's tools and equipment, and technical orders as a guide to maintenance procedures. Assists in preparing engines and other units for shipment.

Is responsible for inclusion in airplane of miscellaneous equipment such as life rafts, parachutes, adequate supply of breathing oxygen, appropriate forms, and technical orders in proper storage places.

Must have a knowledge of Army Air Forces forms and technical orders and weight and balance procedures.

AIRPLANE MECHANIC–GUNNER (748)

Aerial Engineer–Gunner

Assists pilot in operation of a multiple-engined airplane by maintaining a constant check on its mechanical functioning. Fires aerial guns in combat.

Notes readings of engine and navigation instruments, reporting any indication of malfunctioning,